

COACH-II

DATA RECORDING AND MANAGEMENT - SYSTEM FOR EOT CRANES

COACH-II-IP65



Features

The COACH-II, is a new generation of electronic data logging, monitoring and management system for overhead travelling cranes (EOT); adaptable to other types of crane.

It is designed to optimize the maintenance with full knowledge of mechanical stress during use.

It can be used as a "flight recorder" tracing the history of all recent movements.

Applications

The COACH-II of SENSY is perfectly designed to the following applications::
Survey and monitoring of overhead travelling cranes (EOT).

Functions

- Hourly recording on a duration of 25 years of :
 - o Upward (ascent) , downward (descent), long travel (translatory) and short travel (trolley direction)
 - o Number of inching
 - o Lifted load's spectrum and Overloads
- Recording of sequences of recent movements (6 months)
- SWP (Safe Working Period) calculation).
- Display on front color touch screen : (Lifted load, movements, SWP, alarms, temperatures,etc..)
- Alarm's detection and management (overloads, SWP, etc...) with activation of a relay
- Detection of wire break of the analog input
- Protection against overvoltage and reverse polarity at the analog input
- Coach-II Programming and data retrieval via the USB stick or via Ethernet (option)
- COACH-II is supplied with the COACH-VIEW (configuration and analysis data by visualizing by means of graphs and tables)

Specifications	COACH-II-IP54	COACH-II-IP65	
Analog input	1 x 0...10V / 4...20mA	1 x 0...10V / 4...20mA	-
Digital input	4 *	4 *	-
Accuracy	0.1	0.1	% F.S.
A/D converter	20ms	20ms	-
Output signal	0...10V / 4...20mA (SWP)	0...10V / 4...20mA (SWP)	-
Qty of relay	2	2	-
Breaking capacity relays	5A @ 240VAC / 28VDC	5A @ 240VAC / 28VDC	-
Display	Touchscreen 5.7" color	Touchscreen 5.7" color	-
Internal memory	128Mo**	128Mo**	-
Power supply	24VDC	24VDC / 100..240 VAC ***	-
Service temperature range	0...+55	0...+55	C
Storage temperature range	-15...+70	-15...+70	C
IP Rating	IP54	IP65	-

* : Potentiel free contact

** : Compact flash

*** : 48 VAC (option)

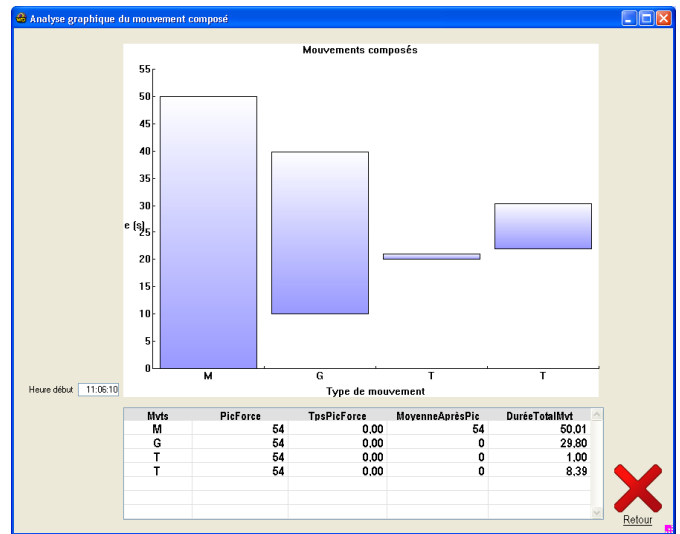
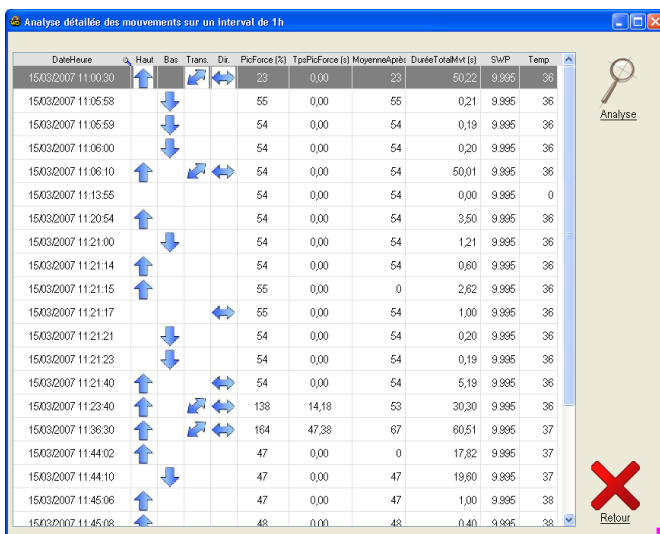
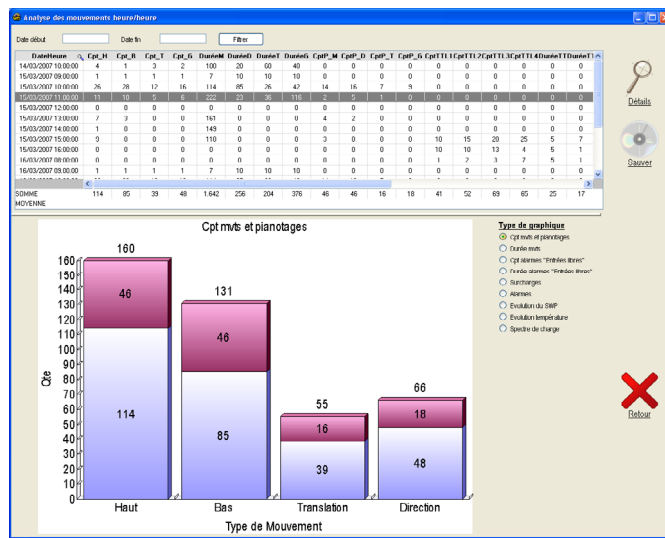
F.S.: full scale - Specifications subject to change without notice

Programming and exploitation software COACH-VIEW

The COACH VIEW software is delivered with the COACH-II.
It is a powerful program with following features:

- Á COACH-II configuration (USB key)
- Á Data's download (USB key)
- Á Analyse of the data's by viewing with charts and tables.

This very user friendly program allows: the optimization of servicing schedule, the detection of downtimes and the calculation of the FEM classification of the crane.



Dimensions (All measurements in millimetres)

